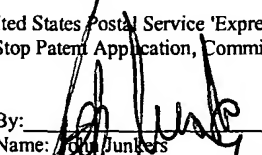


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: OTA, et al.  
 Docket: 10873.1246US01  
 Title: BIPOLAR TRANSISTOR, OSCILLATION CIRCUIT, AND VOLTAGE CONTROLLED OSCILLATOR

17497 U.S. PTO  
 10/613182  
 07/03/03

CERTIFICATE UNDER 37 CFR 1.10 'Express Mail' mailing label number: EV 322885386 US Date of Deposit: July 3, 2003 I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  By:  Name: Douglas P. Mueller
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Mail Stop PATENT APPLICATION  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

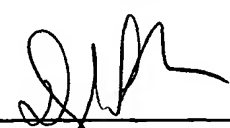
- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ Utility Patent Application: Spec. 11 pgs; 15 claims; Abstract 1 pgs.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 8 sheets of formal drawings
- ☒ Certified copy of a Japanese application, Serial No. 2002-242499, filed August 22, 2002, the right of priority of which is claimed under 35 U.S.C. 119
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to Matsushita Electric Industrial Co., Ltd., Recordation Form Cover Sheet
- ☒ A check in the amount of \$1086.00 to cover the Filing Fee
- ☒ A check for \$40.00 to cover the Assignment Recording Fee.
- ☒ Application Data Sheet, 4 pages.
- ☒ Other: Communication Regarding Requested Figure
- ☒ Return postcard

**CLAIMS AS FILED**

Number of Claims Filed		In Excess of:		Number Extra		Rate		Fee
<b>Basic Filing Fee</b>								\$750.00
<b>Total Claims</b>								
15	-	20	=	0	x	18.00	=	\$0.00
<b>Independent Claims</b>								
7	-	3	=	4	x	84.00	=	\$336.00
<b>MULTIPLE DEPENDENT CLAIM FEE</b>								\$0.00
<b>TOTAL FILING FEE</b>								\$1086.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
 P.O. Box 2903, Minneapolis, MN 55402-0903  
 (612) 332-5300

By:   
 Name: Douglas P. Mueller  
 Reg. No.: 30,300  
 Initials: DPM/pjk



(PTO TRANSMITTAL - NEW FILING)

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	OTA, et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket No.:	10873.1246US01
Title:	BIPOLAR TRANSISTOR, OSCILLATION CIRCUIT, AND VOLTAGE CONTROLLED OSCILLATOR		

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 322885386 US

Date of Deposit: July 3, 2003

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: \_\_\_\_\_

Name: John Junkers

COMMUNICATION REGARDING REQUESTED FIGURE

Mail Stop New App  
Assistant Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In connection with the above-identified application, applicant respectfully requests that Figure 2 be printed on the front page of the published application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record Douglas P. Mueller (Reg. No. 30,300), at (612) 337.5237.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Dated: July 3, 2003

By: \_\_\_\_\_

Douglas P. Mueller  
Reg. No. 30,300

DPM/pjk

